



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A23K 1/18	A1	(11) International Publication Number: WO 00/67591 (43) International Publication Date: 16 November 2000 (16.11.00)
(21) International Application Number: PCT/GB00/01753 (22) International Filing Date: 8 May 2000 (08.05.00) (30) Priority Data: 9910461.4 7 May 1999 (07.05.99) GB (71) Applicant (for all designated States except US): EWOS LIMITED [GB/GB]; Ewos Technology Centre, Unit 1, Kingsthorne Park, Houston Industrial Estate, Livingston EH54 5DB (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): BUTTLE, Louise, Georgina [GB/GB]; 78 Harrison Gardens, Edinburgh EH11 1SB (GB). (74) Agent: MURGITROYD & COMPANY; 373 Scotland Street, Glasgow G5 8AQ (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PIGMENT (57) Abstract The present invention provides a method of improving the pigmentation of fish flesh. Specifically, this is brought about through feeding the fish with both pigment and cholesterol, which are generally combined into a foodstuff. This addition of the pigments in the diet which results in a change in flesh colour, blood pigment levels and flesh pigment levels of the fish. Further, the uptake of pigment into the plasma and flesh is shown to be optimal when the feed contains a cholesterol level of between 1 and 3 percent. Such a method of enhancing the uptake of pigment by fish can be used on Atlantic salmon, rainbow trout, other salmonids, tropical fish and any other fish species where the pigment colour of either the flesh or skin is important.		